

MIPP EMCAL Status

Durga Rajaram, University of Michigan

MIPP Collaboration Meeting @ Fermilab

February 14, 2004

Status

- Alignment done; “rotations” taken out
- Approved for unattended operation
- Gas system ready
 - mixer (P10-CF₄) in MC8
 - distribution to chambers
- Detector cabled up

- Tested chamber & electronics with P10-CF₄ in MC8
- Modified readout boards
- Setup cosmic trigger in MC7
- Detector readout tested with cosmics; working
- Studying detector response
- Started flowing P10-CF₄ to the chambers

Status..

- Online code done
- EMCAL integrated into the DAQ
 - Tested & working

To do

- Monitoring & controls for gas, HV
- Optimization & Timing with real muon triggers
- Calibration: need tagged e at some point to calibrate energy scale
- Offline: raw2root, shower reconstruction, display
- MC: fixing up detector description & digitization in progress